

**APPARATUS AND METHOD FOR COUNTERACTING SELF
DISCHARGE IN A STORAGE BATTERY**

ABSTRACT OF THE DISCLOSURE

A system for counteracting self-discharge
5 in a storage battery is provided. The system includes
a charge supply battery that provides a supply
voltage. The system also includes a DC-DC converter
circuit that has an input that electrically couples
to the charge supply battery and an output that
10 electrically couples to terminals of the storage
battery. The DC-DC converter circuit provides a
charging voltage at the output that has a magnitude
greater than a magnitude of the supply voltage. The
storage battery is a carbon battery.